

Title (en)
IMAGE ACQUISITION AND PROCESSING METHODS AND APPARATUSES FOR THREE-DIMENSIONAL SCANNING, AND THREE-DIMENSIONAL SCANNING DEVICE

Title (de)
BILDERFASSUNGS- UND -VERARBEITUNGSVERFAHREN UND VORRICHTUNGEN ZUR DREIDIMENSIONALEN ABTASTUNG UND DREIDIMENSIONALE ABTASTVORRICHTUNG

Title (fr)
PROCÉDÉS ET APPAREILS D'ACQUISITION ET DE TRAITEMENT D'IMAGES POUR BALAYAGE TRIDIMENSIONNEL, ET DISPOSITIF DE BALAYAGE TRIDIMENSIONNEL

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Application
EP 19851007 A 20190815

Priority

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Abstract (en)
 [origin: EP3819872A1] The present invention provides three-dimensional scanning image acquisition and processing methods and apparatuses, and a three-dimensional scanning device. The three-dimensional scanning image processing method includes: synchronously acquiring a projection pattern of first wavelength light and an illumination image of second wavelength light projected on a measured object, and acquiring a color texture image projecting the measured object. Through the present invention, a problem of texture misalignment caused by the time difference and position difference between the three-dimensional reconstruction data and the color texture image in related art is solved, thereby achieving effects of high texture mapping accuracy, low production cost and less time waste.

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Citation (search report)

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- See also references of WO 2020038277A1

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